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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. : 10/602,464 Confirmation : 3975  
Applicant(s) : Masahiro KAWAGUCHI  
Filed : June 23, 2003  
Title : NUCLEIC-ACID PROBE SUBSTRATE, SYSTEM FOR TEMPERATURE CONTROL OF THE SUBSTRATE, AND GENE DETECTION METHOD MAKING USE OF THE SAME

Art Unit : 1634  
Examiner : FORMAN, Betty J.

Docket No. : 1232-5069  
Customer No. : 27123

att  
05.11.07

AMENDMENT AFTER FINAL UNDER 37 CFR 1.116

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is being filed in response to the Final Office Action dated November 8, 2006.

Reconsideration of this application is respectfully requested in light of this paper, which is set forth as follows:

- **Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.
- **Remarks** begin on page 7 of this paper.